

Useful Conversion Factors English to Metric

Use the conversion factors in this chart to find the metric equivalents of various English measurements.

| Useful Conversion Factors English To Metric | | |
|---|--------|--|
| Multiply | By | To Get |
| Acres | 0.404 | Hectares (ha) |
| Acres | 4046.9 | Square Meters (m ²) |
| Cubic Yards | 0.765 | Cubic Meters (m ³) |
| Cubic Feet | 28.317 | Liters (L) |
| Cups | 0.237 | Liters (L) |
| Feet | 0.305 | Meters (m) |
| Feet per Second | 1.097 | Kilometers per Hour (km/h) |
| Gallons | 3.785 | Liters (L) |
| Gallons per Square Foot | 41.132 | Liters per Square Meter (L/m ²) |
| Gallons per Square Yard | 4.527 | Liters per Square Meter (L/m ²) |
| Gallons per Acre | 9.369 | Liters per Hectare (L/ha) |
| Inches | 2.54 | Centimeters (cm) |
| Inches | 25.4 | Millimeters (mm) |
| Miles | 1.609 | Kilometers (km) |
| Miles per Hour | 1.609 | Kilometers per Hour (km/h) |
| Ounces (mass) | 28.35 | Grams (g) |
| Ounces (fluid) | 29.573 | Milliliters (mL) |
| Ounces (mass) / Sq. Ft. | 305.2 | Grams per Square Meter (g/m ²) |
| Ounces (fluid) / Sq. Ft. | 41.132 | Liters per Square Meter (L/m ²) |
| Ounces (mass) / Acre | 70.0 | Grams per Hectare (g/ha) |
| Ounces (fluid) / Acre | 73.0 | Milliliters per Hectare (mL/ha) |
| Pints | 0.473 | Liters (L) |
| Pounds (mass) | 0.454 | Kilograms (kg) |
| Pounds (mass) / Gallon | 0.12 | Kilograms per Liter (kg/L) |
| Pounds (mass) / Cu. Ft. | 16.018 | Kilograms per Cu. Meter (kg/M ³) |
| Pounds (mass) / Acre | 1.121 | Kilograms per Hectare (kg/ha) |
| Pounds (mass) / Sq. Ft. | 4.883 | Kilograms per Sq. Meter (kg/M ²) |
| Pounds (force) / Sq. Inch | 6.89 | Kilopascals (kPa) |
| Pounds (force) / Sq. Ft. | 47.88 | Pascals (Pa) |
| Quarts per Acre | 2.33 | Liters per Hectare (L/ha) |
| Quarts | 0.946 | Liters (L) |
| Square Inches | 6.452 | Square Centimeters (cm ²) |
| Square Feet | 0.093 | Square Meters (m ²) |

| | | |
|---------------------------------|----------|---------------------------|
| Square Yards | 0.836 | Square Meters (m2) |
| Ton (2,000 Lbs.) | 0.907 | Megagrams (Mg) |
| Hectares (ha) | 2.475 | Acres |
| Square Meters (m2) | 0.000247 | Acres |
| Cubic Meters (m3) | 1.307 | Cubic Yards |
| Liters (L) | 0.035 | Cubic Feet |
| Liters (L) | 4.219 | Cups |
| Meters (m) | 3.279 | Feet |
| Kilometers per Hour (km/h) | 0.912 | Feet per Second |
| Liters (L) | 0.264 | Gallons |
| Liters per Square Meter (L/m2) | 0.024 | Gallons per Square Foot |
| Liters per Square Meter (L/m2) | 0.221 | Gallons per Square Yard |
| Liters per Hectare (L/ha) | 0.107 | Gallons per Acre |
| Centimeters (cm) | 0.394 | Inches |
| Millimeters (mm) | 0.039 | Inches |
| Kilometers (km) | 0.622 | Miles |
| Kilometers per Hour (km/h) | 0.622 | Miles per Hour |
| Grams (g) | 0.035 | Ounces (mass) |
| Milliliters (mL) | 0.034 | Ounces (fluid) |
| Grams per Square Meter (g/m2) | 0.003 | Ounces (mass) / Sq. Ft. |
| Liters per Square Meter (L/m2) | 0.024 | Ounces (fluid) / Sq. Ft. |
| Grams per Hectare (g/ha) | 0.014 | Ounces (mass) / Acre |
| Milliliters per Hectare (mL/ha) | 0.014 | Ounces (fluid) / Acre |
| Liters (L) | 2.114 | Pints |
| Kilograms (kg) | 2.203 | Pounds (mass) |
| Kilograms per Liter (kg/L) | 8.333 | Pounds (mass) / Gallon |
| Kilograms per Cu. Meter (kg/M2) | 0.062 | Pounds (mass) / Cu. Ft. |
| Kilograms per Hectare (kg/ha) | 0.892 | Pounds (mass) / Acre |
| Kilograms per Sq. Meter (kg/M2) | 0.205 | Pounds (mass) / Sq. Ft. |
| Kilopascals (kPa) | 0.145 | Pounds (force) / Sq. Inch |
| Pascals (Pa) | 0.021 | Pounds (force) / Sq. Ft. |
| Liters per Hectare (L/ha) | 0.429 | Quarts per Acre |
| Liters (L) | 1.057 | Quarts |
| Square Centimeters (cm2) | 0.155 | Square Inches |
| Square Meters (m2) | 10.753 | Square Feet |
| Square Meters (m2) | 1.196 | Square Yards |
| Megagrams (Mg) | 1.103 | Ton (2,000 Lbs.) |